Terms used
definition and **type** and **compile** and **link** and **delete** **definition** and **flag** and **optimization**

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Relevance scale

1 Incremental compilation of optimized code

Lori L. Pollock, Mary Lou Soffa

January 1985 **Proceedings of the 12th ACM SIGACT-SIGPLAN symposium on Principles of programming languages**

Full text available: pdf(1.57 MB) Additional Information: full citation, abstract, citings, index terms

Although optimizing compilers have successfully been used to reduce the size and running times of compiled programs, present incremental compilers only support the incremental update of unoptimized code. In this work, we extend the notion of incremental compilation to include optimized code. Techniques to incrementally compile locally optimized code, given intermediate code modifications are developed using a program representation based on flow graphs and dags. A model is designed to repre ...

2 Simple and effective link-time optimization of Modula-3 programs

Mary F. Fernández

June 1995 **ACM SIGPLAN Notices , Proceedings of the ACM SIGPLAN 1995 conference on Programming language design and implementation**, Volume 30 Issue 6

Full text available: pdf(1.35 MB) Additional Information: full citation, abstract, references, citings, index terms

Modula-3 supports development of modular programs by separating an object's interface from its implementation. This separation induces a runtime overhead in the implementation of objects, because it prevents the compiler from having complete information about a program's type hierarchy. This overhead can be reduced at link time, when the entire type hierarchy becomes available. We describe opportunities for link-time optimization of Modula-3, present two link-time optimizations that reduce ...

3 The model, language, and implementation of an object-oriented multimedia knowledge base management system

Hiroshi Ishikawa, Fumio Suzuki, Fumihiko Kozakura, Akifumi Makinouchi, Mika Miyagishima, Yoshio Izumida, Masaaki Aoshima, Yasuo Yamane

March 1993 **ACM Transactions on Database Systems (TODS)**, Volume 18 Issue 1

Full text available: pdf(3.23 MB) Additional Information: full citation, abstract, references, citings, index terms, review

New applications such as CAD, AI, and hypermedia require direct representation and flexible use of complex objects, behavioral knowledge, and multimedia data. To this end, we have devised a knowledge base management system called Jasmine. An object-oriented

Terms used
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Relevance scale

1 The design of a template structure for a generalized data structure definition facility
Billy G. Claybrook
October 1976 **Proceedings of the 2nd international conference on Software engineering**

Full text available: pdf(605.87 KB) Additional Information: full citation, abstract, references, citings, index terms

A template structure capable of defining the runtime configuration of general data structures, e.g. arrays (homogeneous and non-homogeneous), cells, stacks, queues, trees, and general lists (graphs), for a generalized data structure definition facility that has practical utility in applications where thousands of data structures can be in existence at any given time is described. An important aspect of this template structure organization is that like instances of a data structure allocated ...

Keywords: Definition facilities, Dope vectors, Generalized data structures, Templates

2 The model, language, and implementation of an object-oriented multimedia knowledge base management system
Hiroshi Ishikawa, Fumio Suzuki, Fumihiko Kozakura, Akifumi Makinouchi, Mika Miyagishima, Yoshio Izumida, Masaaki Aoshima, Yasuo Yamane
March 1993 **ACM Transactions on Database Systems (TODS)**, Volume 18 Issue 1

Full text available: pdf(3.23 MB) Additional Information: full citation, abstract, references, citings, index terms, review

New applications such as CAD, AI, and hypermedia require direct representation and flexible use of complex objects, behavioral knowledge, and multimedia data. To this end, we have devised a knowledge base management system called Jasmine. An object-oriented approach in a programming language also seems promising for use in Jasmine. Jasmine extends the current object-oriented approach and provides the following features. Our object model is based on functional data models and well-establis ...

3 A facility for defining and manipulating generalized data structures
Billy G. Claybrook
December 1977 **ACM Transactions on Database Systems (TODS)**, Volume 2 Issue 4

Full text available: pdf(2.87 MB) Additional Information: full citation, abstract, references, citings, index terms

Refine Search

Search Results -

Terms	Documents
L29 and (delet$ Or remov$ or eras$) near4 (type$ near4 definition$)	2

Database:
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US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
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Search: L31

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Search History

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Set Name side by side	Query	Hit Count	Set Name result set
	DB=USPT; PLUR=YES; OP=ADJ		
L31	L29 and (delet$ Or remov$ or eras$) near4 (type$ near4 definition$)	2	L31
L30	L29 and (delet$ Or remov$ or eras$) near4 (type$ near4 definition$) near5 (source$)	0	L30
L29	source$ near5 (program$ or code$ or module$) near6 (compil$ Or link$) near9 (object$ or machine$ or intermediat$) near4 (program$ or code$ or modul$)	1895	L29
L28	source$ near5 (program$ or code$ or module$) nar6 (compil$ Or link$) near9 (object$ or machine$ or intermediat$) near4 (program$ or code$ or modul$)	0	L28
	DB=USPT,TDBD; PLUR=YES; OP=ADJ		
L27	source$ near5 (program$ or code$ or module$) nar6 (compil$ Or link$) near9 (object$ or machine$ or intermediat$) near4 (program$ or code$ or modul$)	0	L27
	DB=TDBD; PLUR=YES; OP=ADJ		
L26	(translat$ Or compil$ Or link$) and source$ near5 (object$ or compil$ or machine$) near4 (code$ Or program$ or modul$) and (class$ Or data$) near4 definition$ and (flag$ Or mark$) same (delete$ Or remov$ Or earas$)	0	L26

	DB=DWPI; PLUR=YES; OP=ADJ		
L25	(translat$ Or compil$ Or link$) and source$ near5 (object$ or compil$ or machine$) near4 (code$ Or program$ or modul$) and (class$ Or data$) near4 definition$ and (flag$ Or mark$) same (delete$ Or remov$ Or earas$)	0	L25
	DB=JPAB; PLUR=YES; OP=ADJ		
L24	(translat$ Or compil$ Or link$) and source$ near5 (object$ or compil$ or machine$) near4 (code$ Or program$ or modul$) and (class$ Or data$) near4 definition$ and (flag$ Or mark$) same (delete$ Or remov$ Or earas$)	0	L24
	DB=EPAB; PLUR=YES; OP=ADJ		
L23	(translat$ Or compil$ Or link$) and source$ near5 (object$ or compil$ or machine$) near4 (code$ Or program$ or modul$) and (class$ Or data$) near4 definition$ and (flag$ Or mark$) same (delete$ Or remov$ Or earas$)	0	L23
	DB=PGPB; PLUR=YES; OP=ADJ		
L22	L21 and preprocess$ and (delet$ Or remov$) near5 definition$	15	L22
L21	(translat$ Or compil$ Or link$) and source$ near5 (object$ or compil$ or machine$) near4 (code$ Or program$ or modul$) and (class$ Or data$) near4 definition$ and (flag$ Or mark$) same (delete$ Or remov$ Or earas$)	134	L21
	DB=USPT; PLUR=YES; OP=ADJ		
L20	l12 and (flag$ Or mark$) near4 (no$ near4 set$)	5	L20
L19	l12 and (flag$ Or mark$)	53	L19
L18	l15 and (flag$ Or mark$) neaar4 (no$ near4 set$)	0	L18
L17	L15 and preprocess$ and (delet$ Or remov$) near5 definition$	3	L17
L16	L15 and preprocess$ and (delet$ Or remov$) near5 (type$ near4 definition$)	0	L16
L15	l13 and optimiz$	510	L15
L14	L13 and l12	3	L14
L13	717/127,131,136,134,137,139,140,151.ccls.	1156	L13
L12	L11 and (source$ near8 (compil$ Or link$))	53	L12
L11	l9 and (flag$ Or mark$) same (delete$ Or remov$ Or earas$)	62	L11
L10	L9 and (delete$ Or remov$ or erase$) near9 (type$ near4 definition$) near5 (compil$ or link$)	0	L10
L9	L8 and (updat$ or modif$ or chang$ or alter) near9 (code$ or modul$ or program$) and (delet$ or remov$ Or eras$)	174	L9
L8	L6 and (class$ Or data$) near4 type$ near5 definition$	245	L8
L7	L6 and (class$ Or data$) near4 definition$	1121	L7
L6	(translat$ Or compil$ Or link$) and source$ near5 (object$ or compil$ or machine$) near4 (code$ Or program$ or modul$)	5063	L6
L5	l2 and (delet$ or remov$ or eras$) and(compil$ Or link$)	1	L5
L4	l1 and (delet$ or remov$ or eras$) and(compil$ Or link$)	1	L4
L3	l1 and (delet$ or remov$ or eras$) same (compil$ Or link$)	0	L3
L2	6182281.pn.	1	L2
L1	5613120.pn.	1	L1

END OF SEARCH HISTORY